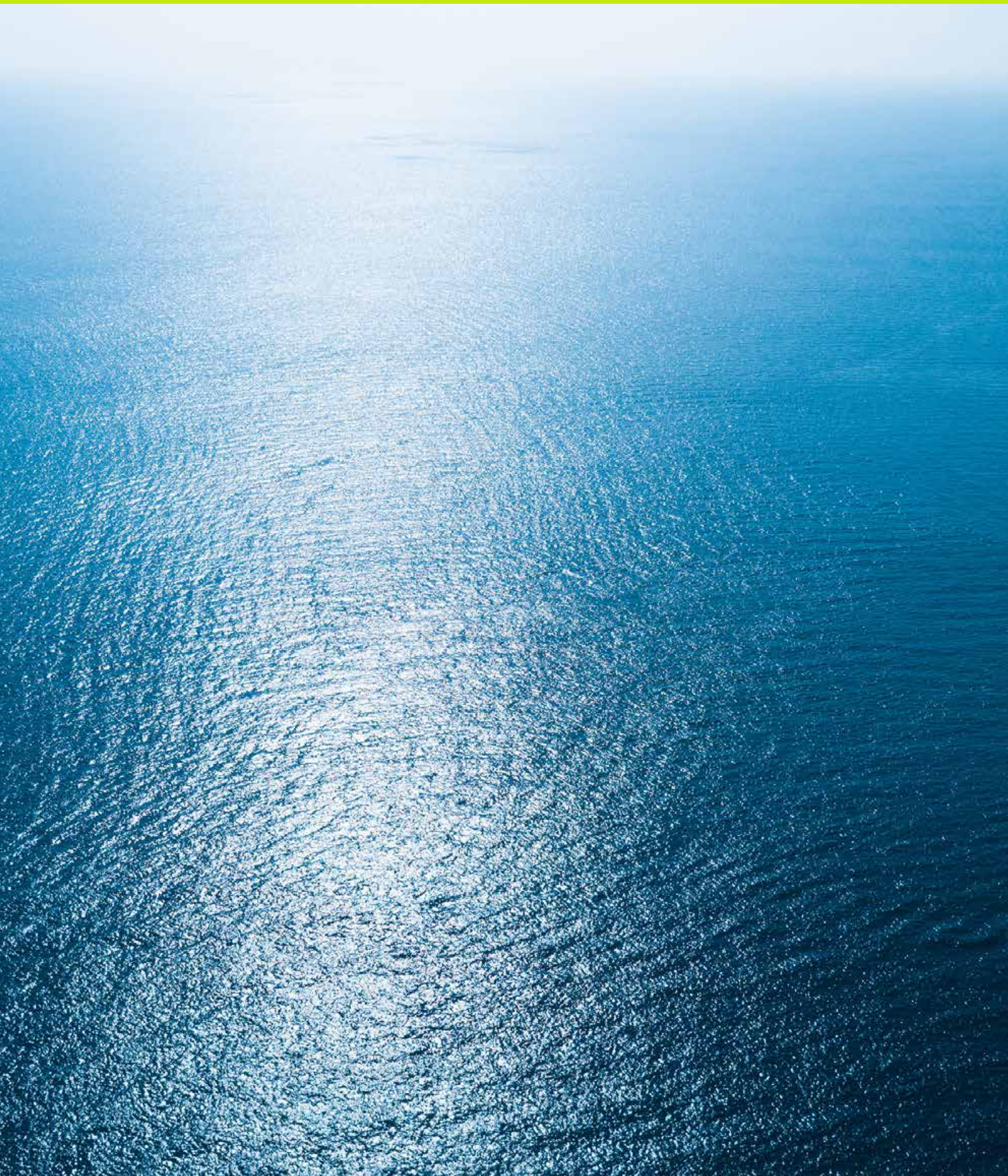


OSTIA

(Operational Sea Surface Temperature and Ice Analysis)



Global, operational, high-resolution, observation-based sea surface temperature (SST) and ice concentration analysis

Technical product details

Source

Satellite and in situ observations

Spatial extent

Global Ocean: lat -90° to 90°, lon -180° to 180°

Grid resolution

0.05° x 0.05°

Temporal extent

Since 1 Jan 2007

Temporal resolution

Daily

Variables

Parameter	Variable name in netCDF file	Standard name
SST	analysed_sst	sea_surface_foundation_temperature
SST uncertainty	analysis_error	sea_surface_foundation_temperature_standard_error
Sea ice concentration	sea_ice_fraction	sea_ice_area_fraction
Land/sea/ice mask	mask	

Filenames

YYYYMMDD120000-UKMO-L4_GHRSST-SSTfnd-OSTIA-GLOB-v02.0-fv02.0.nc

Where YYYY is the year, MM the month and DD the day

Typical data delivery time

Once daily ~0640UTC

Delivery methods available

SFTP pull, FTP pull

File formats for delivery

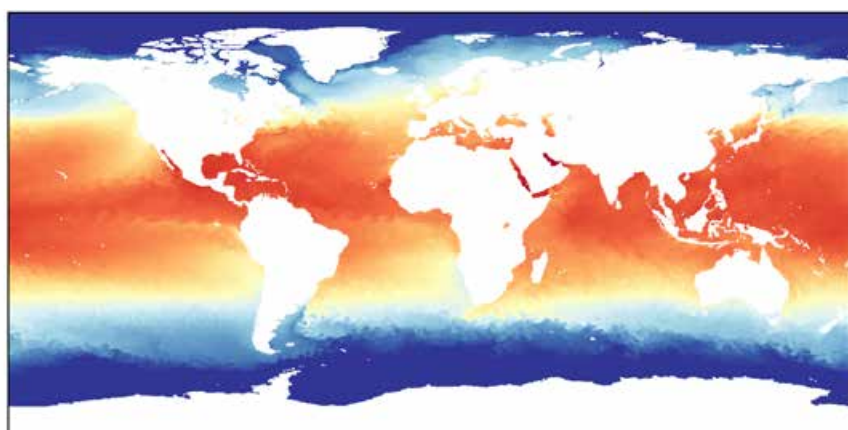
NetCDF-4

Frequency of delivery

Daily to FTP server for collection by customer

Further information

OSTIA also contains surface temperature and ice concentration data for lakes



Sea surface temperature from OSTIA on 10 September 2023.

